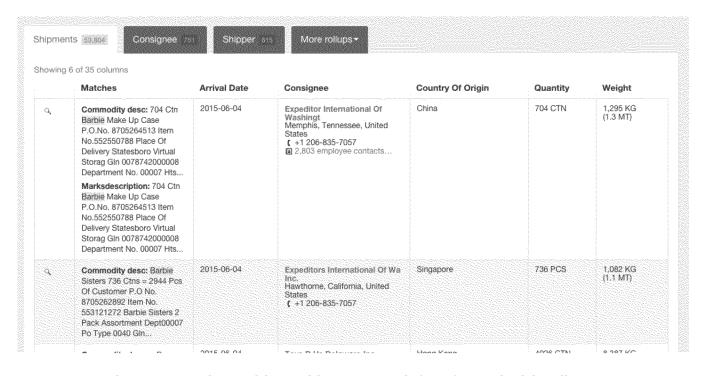
ATTACHMENT 1

How we Used Panjiva to Identify Asbestos Imports Not Reported Under the CDR

Panjiva (Panjiva.com) is a commercial, subscription-based database of international trade. It includes data from the U.S. Department of Homeland Security's Customs Agency with the importation records of over 130 million shipments into the US. The records include descriptions of what was shipped, where it was shipped from, and who was receiving it. The detail can very from record to record.



Our contracted partners at the Healthy Buildings Network (HBN) searched for all records referencing "asbestos," for the period of 9/22/2013 to 9/21/2016. The dates were simply based on HBN's subscription to Panjiva, which allowed for three years of backwards looking data – additional periods are available for additional cost from Panjiva. The results included a large number of irrelevant records as many results reflected "asbestos-free" claims about products such as brake pads.

Panjiva allows subscribers to export search results to an external file (such as an excel sheet). HBN staff worked through the results to identify shipments that actually were asbestos or appeared to contain asbestos. These records were then aggregated by recipient and year. In some cases, as below, the detailed container commodity records noted the "Importer of Record" clearly being a Chlor-Alkali

